

Abstract

The present utility discloses a overturning and folding device for handlebar, which comprises a tube (2) extending vertically from handlebar with an end (13), a connecting member (15) next to the end (13), an eccentric axle (1) and a lug bolt (12), a hole (21) in the axial direction and a hole (20) in the perpendicular direction are formed at the end (13) of said tube (2), they communicate with each other, said connecting member (15) is engaged to fork of bicycle, it defines a space (14) through which the lug bolt (12) can rotate from axial position to perpendicular position, lug bolt (12) is fixed within said hole (21) and space (14) by a fastener (8), said eccentric axle (1) is fitted rotatably in the hole (20) and hole (5) on head of lug bolt (12), a protrusion (3) on the end (13) is provided to match a recess (6) formed in corresponding position of said connecting member (15); a shim (18) hinged to the connecting member (15) rotatable around said lug bolt (12) is provided between the connecting member (15) and the fastener (8), the device further comprises a torsion spring (17), one end of the torsion spring (17) fixed to the connecting member (15) and the other end disposed on the shim (18), said eccentric axle (1) is connected to a lever (4). After the above-mentioned structure is adopted, the handlebar assembly can be folded and rotated to the direction in line with the main body. The folding can be done more conveniently and more timesavingly and the dimension after folding is decreased quite a lot.